

***In the Claims:***

Please cancel claims 1-6 and 23-28 without prejudice or disclaimer. The amended claim set is as follows:

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- 32. (Previously Canceled)
- 33. (Previously Canceled)
- 34. (Original) A method for regenerating a plant, comprising:
  - a) providing sample of a plant;
  - b) inducing shoot development from said sample; and
  - c) inducing root development from said sample.
- 35. (Original) The method of claim 34, wherein said plant is a freshwater monocot plant.

36. (Original) The method of claim 34, wherein said freshwater monocot plant is a freshwater wetland monocot plant.
37. (Original) The method of claim 34, wherein said freshwater wetland monocot plant is a freshwater emergent wetland monocot plant.
38. (Original) The method of claim 34, wherein said plant is selected from the group consisting of *Carex*, *Scirpus*, *Juncus* and *Typha*.
39. (Original) The method of claim 34, wherein said plant is selected from the group consisting of *Juncus effusus*, *Carex lurida* and *Scirpus polyphyllus*.
40. (Previously Canceled)
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- 55. (Previously Canceled)
- 56. (Original) A method for regenerating a plant, comprising:
  - a) providing a sample of a plant;
  - a) forming a callus from said sample; and
  - b) inducing shoot development and inducing root development from said callus.

57. (Original) The method of claim 56, wherein said plant is a freshwater monocot plant.
58. (Original) The method of claim 56, wherein said freshwater monocot plant is a freshwater wetland monocot plant.
59. (Original) The method of claim 56, wherein said freshwater wetland monocot plant is a freshwater emergent wetland monocot plant.
60. (Original) The method of claim 56, wherein said plant is selected from the group consisting of *Carex*, *Scirpus*, *Juncus* and *Typha*.
61. (Original) The method of claim 56, wherein said plant is *Typha latifolia*.
62. (Previously Canceled)
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81. (Previously Canceled)
82. (Original) A method for regenerating a plant, comprising:
- a) providing a sample of a plant;
  - b) forming a callus from said sample;
  - c) inducing shoot development from said callus to form at least one shoot; and
  - d) inducing root development from said at least one shoot.
83. (Original) The method of claim 82, wherein said plant is a freshwater monocot plant.
84. (Original) The method of claim 82, wherein said freshwater monocot plant is a freshwater wetland monocot plant.
85. (Original) The method of claim 82, wherein said freshwater wetland monocot plant is a freshwater emergent wetland monocot plant.
86. (Original) The method of claim 82, wherein said plant is selected from the group consisting of *Carex*, *Scirpus*, *Juncus* and *Typha*.
87. (Original) The method of claim 82, wherein said plant is *Juncus accuminatus*.
88. (Previously Canceled)
89. (Previously Canceled)



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108. (Original) A method for regenerating a plant or forming a somatic embryo, comprising:
1. providing a sample of a plant;
  2. forming a callus from said sample; and
  3. inducing the formation of a somatic embryo from said callus.
109. (Original) The method of claim 108, wherein said plant is a freshwater monocot plant.
110. (Original) The method of claim 108, wherein said freshwater monocot plant is a freshwater wetland monocot plant.
111. (Original) The method of claim 108, wherein said freshwater wetland monocot plant is a freshwater emergent wetland monocot plant.

- 112. (Original) The method of claim 108, wherein said plant is selected from the group consisting of *Carex*, *Scirpus*, *Juncus* and *Typha*.
- 113. (Original) The method of claim 108, wherein said plant is *Typha angustifolia*.
- 114. (Previously Canceled)
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